| Ref<br># | Hits  | Search Query   | DBs  | Default<br>Operator | Plurals | Time Stamp       |
|----------|-------|--|--|---------------------|---------|------------------|
| S1       | 1160  | ((collect\$5 transfer\$5 find\$5 locat\$5 gather\$5 obtain\$5) near10 (mobile cell PDA) near10 (client location))and (handoff handover) and ((WAP) (gateway server))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR                  | ON      | 2004/04/28 16:21 |
| S2       | 26    | (((collect\$5 transfer\$5 find\$5 locat\$5 gather\$5 obtain\$5) near10 (mobile cell PDA) near10 (client location))and (handoff handover) and ((WAP) (gateway server))) and ((insert\$5 provid\$5 get\$5 collect\$5 obtain\$4 gather\$5) near5 (client PDA cell mobile) near10 (code signature flag)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR                  | ON      | 2004/04/28 14:50 |
| S3       | 41300 | ((collect\$5:transfer\$5 find\$5 locat\$5 gather\$5 obtain\$5) near10<br>(mobile cell PDA) near10:(client:location))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR                  | ON      | 2004/04/28 11:43 |
| S4       | 21484 | ((collect\$5 transfer\$5 find\$5 locat\$5 gather\$5 obtain\$5)near3<br>(mobile cell PDA) near10 (client location))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR                  | ON      | 2004/04/28 11:44 |
| S5       | 5460  | (collect\$5 transfer\$5 find\$5 locat\$5 gather\$5 obtain\$5)near3<br>((mobile cell PDA) adj (client location))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ÖR                  | ON      | 2004/04/28 11:45 |
| S7       | 11    | ((collect\$5 transfer\$5 find\$5 locat\$5 gather\$5 obtain\$5)adj((mobile cell PDA) adj (client location))) and (WAP (wireless adj application adj rotocol))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR                  | ON      | 2004/04/28 12:50 |
| S8       | 2     | "6594666".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR                  | ON      | 2004/04/28 12:05 |
| S9       | 21    | (collect\$5 gather\$5 obtain\$5)adj((mobile cell PDA) adj (client location))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR                  | ON      | 2004/04/28 12:13 |
| S10      | 421   | (location position) near10 (dependent) near5 (servic\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR                  | ON      | 2004/04/28 12:50 |
| S11      | 71    | ((location position) near10 (dependent) near5 (servic\$4)) and (WAP (wireless adj application adj rotocol))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR                  | ON      | 2005/05/19 17:01 |
| S12      | 11    | (Location adj token) and ((collect\$5 request\$5 locat\$5 gather\$5 obtain\$5) near10 (mobile cell PDA) near10 (client location))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM: TDB | OR                  | ON      | 2004/04/28 13:18 |
| S13      | 181   | Location adj token   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR                  | ON      | 2004/04/28 14:58 |
| S14      | 3     | (Location adj token) and (WAP (wireless adj application adj.<br>rotocul))  | US-PGPUB:<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB  | OR                  | ON      | 2004/04/28 13:11 |
| S15      | 0     | "2002/0155844".PN.   | USPAT  | OR                  | OFF     | 2005/04/29 14:10 |

| S16  | 0     | "2002/0155844" PN   | USPAT   | OR | OFF  | 2004/04/28 13:12 |
|------|-------|---|---|----|------|------------------|
| S17  | 0     |   | USPAT   | OR | OFF  | 2004/04/28 13:12 |
| S18  | 0     | "2002/0155844".PN.  | USPAT   | OR | OFF  | 2004/04/28 13:12 |
| S19  | 0     |   | USPAT   | OR | OFF  | 2004/04/28 13:12 |
| S20  | 0     | "2002/0049537".PN.  | USPAT   | OR | OFF  | 2004/04/28 13:12 |
| S21  | 1     | "6012014";PN:   | USPAT   | OR | OFF  | 2004/04/28 13 12 |
| S22  | 1     | "5305217".PN.   | USPAT   | OR | OFF  | 2004/04/28 13:13 |
| S23  | 1     |   | USPAT   | OR | OFF  | 2004/04/28 13 14 |
| S24  | 0     | (((collect\$5 request\$5gather\$5 obtain\$5) near10 (mobile cell PDA) near10 (client location)) near10((mutiple) adj (severs devices gateway proxy)))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;                        | OR | ON   | 2004/04/28 13:20 |
| S25  | 0     | (((collect\$5 request\$5 gather\$5 obtain\$5) near10 (mobile cell PDA) near10 (client location)) near10((mutiple) adj (severs devices   | DERWENT;<br>IBM_TDB<br>US-PGPUB;<br>USPAT:              | OR | ON   | 2004/04/28 13:20 |
|      |       | gateway proxy)))  | EPO; JPO;<br>DERWENT;<br>IBM_TDB                        |    |      |                  |
| S26  | 0     | (((collect\$5 request\$5 gather\$5 obtain\$5) near10 (mobile cell PDA) near10 (client location)) near10((mutiple) adj (servers devices gateway proxy)))                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2004/04/28 13:20 |
| S27  | 4     | (((collect\$5 request\$5 gather\$5 obtain\$5) near10 (mobile cell PDA) near10 (client location)) near10((multiple) adj (servers devices gateway proxy)))                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2004/04/28 13:21 |
| S28  | 9     | (((collect\$5 request\$5 gather\$5 obtain\$5) near10 (mobile cell PDA) near10 (client location)) near10((multiple plurality) adj (servers devices gateway proxy)))                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2004/04/28 13:44 |
| S29  | 407   | (collect\$5 request\$5 obtain\$5) near5 ((mobile cell PDA) adj (client location))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | OR | ON   | 2004/04/28 14:33 |
| S30  | 42    | ((collect\$5 request\$5 obtain\$5) near5 ((mobile cell PDA client) adj<br>(location))) and ((insert\$ include\$4) near5 (information location<br>coordinate) near5 (URL token communication)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2004/04/28 14:32 |
| S31  | 1     | (location adj command) and (signature adj code) and ((collect\$5<br>transfer\$5 find\$5 locat\$5 gather\$5 obtain\$5) near10 (mobile cell<br>PDA client))                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON . | 2004/04/28 14:30 |
| \$32 | . 1   | (location adj command) and (signature adj code)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2004/04/28 14:30 |
| S33  | 369   | (collect\$5 request\$5 obtain\$5) near5 ((mobile cell PDA client) adj<br>(location))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2004/04/28 14:32 |
| S34  | 14291 | ((insert\$ include\$4) near5 (information location coordinate) near5 (URL token communication))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2004/04/28 15:17 |

| S35 | 26     | (((insert\$ include\$4) near5 (information location coordinate) near5 (URL token communication))) and (collect\$5 request\$5) near5 ((mobile cell PDA) adj (client location))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/04/28 14:34  |
|-----|--------|---|---|----|----|-------------------|
| S36 | 734    | (((collect\$5 transfer\$5 find\$5 locat\$5 gather\$5 obtain\$5) near10<br>(mobile cell PDA) near10 (client location))and (handoff handover)<br>and ((WAP) (gateway server))) and "455"/\$ ccls:   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/04/28 14:50  |
| S37 |        | ((((collect\$5 transfer\$5 find\$5 locat\$5 gather\$5 obtain\$5) near10 (mobile cell PDA) near10 (client location))and (handoff handover) and ((WAP) (gateway server))) and "455"/\$.ccls.) and ((insert\$5) near5 (client PDA cell mobile) near10 (code signature flag)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/04/28 14:55. |
| S38 | 0      | ((((collect\$5:transfer\$5:find\$5 locat\$5 gather\$5 obtain\$5) near10 (mobile cell PDA) near10 (client location))and (handoff handover) and ((WAP) (gateway server))) and "455"/\$.ccls.) and ((insert\$5) near3 (location) near10 (code signature flag))               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/04/28 14:56  |
| S39 | 1925   | (insert\$5 includ\$4) near3 ((location)and ((code adj signature) flag))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/04/28 15:01  |
| S40 | 10     | ((insert\$5 includ\$4) near3 ((location)and ((code adj signature) flag))) and (Location adj token)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/29 13:31  |
| S41 | 117860 | (find\$5 locat\$5) near10 (mobile cell PDA (mobile adj station))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/04/28 15:32  |
| S42 | 1424   | ((find\$5 locat\$5) near10 (mobile cell PDA (mobile adj station))) and ((intermediary gateway (wap adj gateway)) near3 (server station))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/04/28 16:04  |
| S43 | 33     | (((find\$5 locat\$5) near10 (mobile cell PDA (mobile adj station))) and ((intermediary gateway (wap adj gateway)) near3 (server station))) and ((insert\$ include\$4) near5 (token (signature adj code)))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/04/28 15:31  |
| S44 | 1      | (((find\$5 locat\$5) near10 (mobile cell PDA (mobile adj station)))<br>and ((intermediary gateway (wap adj gateway)) near3 (server<br>station))) and ((insert\$ include\$4) near5 ((signature adj code)))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/04/28 15:31  |
| S45 | 17194  | (find\$5 locat\$5) adj (mobile cell PDA (mobile adj station))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/04/28 15:32  |
| S46 | 93     | ((find\$5 locat\$5) adj (mobile cell PDA (mobile adj station))) and<br>((intermediary gateway (wap adj gateway)) adj (server station))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/04/28 15:58  |
| S47 | 2      | "5628051".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/13 10:29  |

| S48 | 2   | "6091958" pp  | US-PGPUB:   | OR   | ON | 2004/04/28 15:55 |
|-----|-----|---|---|------|----|------------------|
| 340 | 2   | "6091958".pn.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OK . | ON | 2004/04/20 15.55 |
| S49 | 3   | ."6075993"; pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | OR   | ON | 2004/04/28 15:56 |
| S50 | 2   | "6061561".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2004/04/28 15:56 |
| S51 | 8   | ((find\$5 locat\$5) adj.(mobile cell PDA:(mobile adj.station))) and<br>((intermediary) adj.(server station))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2004/04/28 16:00 |
| S52 | 2   | "6628938".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2004/04/28 16:03 |
| S53 | 219 | (determin\$5) near3 (current) near3 (location) near3 (cell pda mobile WAP)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2004/04/28 16:29 |
| S54 | 13  | ((determin\$5) near3 (current) near3 (location) near3 (cell pda<br>mobile WAP)) and ((intermediary gateway (wap adj gateway))<br>near3 (server station))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2004/04/28 16:04 |
| S55 | 1   | (((collect\$5 transfer\$5 find\$5 locat\$5 gather\$5 obtain\$5) near10<br>(mobile cell PDA) near10 (client location))and (handoff handover)<br>and ((WAP) (gateway server))) and (location) adj (resolution): | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | OR   | ON | 2004/04/28 16:25 |
| S56 | 14  | ((location) adj (resolution)) and command and intermediary  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2004/04/28 16:29 |
| S57 | 0   | (((location) adj.(resolution))) and (determin\$5) near3 (current) near3 (location) near3 (cell pda mobile WAP)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2004/04/28 16:30 |
| S58 | 389 | ((location) adj (resolution))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | OR   | ON | 2004/04/28 16:30 |
| S59 | 1   | (((location) adj.(resolution))) and (Location adj.token)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ÖR   | ON | 2004/04/28 16:30 |
| S60 | 101 | (((location) adj (resolution))) and (Location adj information)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2004/04/29 08:25 |

| S61 | 1    | (09/759740) and (Hutsch)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR · | ON  | 2004/04/29 08:25 |
|-----|------|---|---|------|-----|------------------|
| S62 | 1    | "6163701".pn.   | USPAT   | OR   | OFF | 2004/04/30 09 29 |
| S63 | 1    | "6259923".pn.   | USPAT   | OR   | OFF | 2004/04/30 09:30 |
| S64 | 1    | "6542819".pn.   | USPAT   | OR   | OFF | 2004/04/30 10:17 |
| S65 | 1    | "6446117".pn.   | USPAT   | OR   | OFF | 2004/04/30 10:17 |
| S66 | 2:   | "6163701":pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;                        | OR   | ON  | 2005/04/29 11:22 |
|     |      |   | DERWENT;<br>IBM TDB                                     |      |     |                  |
| S67 | 2235 | (insert\$5 includ\$4) near3 (location) near5 ((code signature flag token))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | OR   | ON  | 2005/04/29 13:33 |
| S68 | 121  | (insert\$5:includ\$4):near3:(location) near5:((token)):   | US-PGPUB;<br>US-PAT;<br>EPO; JPO;<br>DERWENT;           | OR   | ON  | 2005/04/29 14:01 |
| S69 | 4    | (insert\$5 includ\$4) near3 (location) near5 ((token)) and (WAP)  | IBM_TDB<br>US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT; | OR   | ON  | 2005/04/29 13:43 |
| S70 | 7    | (insert\$5 includ\$4 request\$5 demand\$5) near3 (location) near5<br>((token)) and (WAP)  | IBM_TDB  US-PGPUB;  USPAT;  EPO; JPO;  DERWENT;         | OR   | ON  | 2005/04/29 13:44 |
| S71 | 1398 | (collect\$5 request\$5 insert\$5 includ\$5) near3 (cell) near4 (ID identification)  | US-PGPUB;<br>US-PAT;<br>EPO; JPO;<br>DERWENT;           | OR   | ON  | 2005/04/29 14:02 |
| S72 | 103  | (collect\$5 request\$5 insert\$5 includ\$5) adj (cell) adj(ID identification)   | IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB     | OR   | ON  | 2005/05/06 08:39 |
| S73 | 1    | "5930699".PN.   | USPAT   | OR   | OFF | 2005/05/02 07:21 |
| S74 | 0    | (Mukherjee) and (10/279310)   | USPAT   | OR   | OFF | 2005/05/02 07:21 |
| S75 | 356  | (Mukherjee) and (10/279, "310")   | USPAT   | OR   | OFF | 2005/05/02 07:25 |
| S76 | 0    | (Mukherjee) and (10/279310)   | USPAT   | OR   | OFF | 2005/05/02 07:26 |
| S77 | 0    | (Mukherjee) and ("20040081118")   | USPAT   | OR   | OFF | 2005/05/02 07:26 |
| S78 | 0    |   | USPAT   | OR   | OFF | 2005/05/02 07:26 |
| S79 | 4006 | (device PDA (cell near2 phone) (mobile)) near4 (request\$5 command\$5 demand\$5) near4 (location coordinat\$5)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2005/05/06 08:54 |
| S80 | 12   | (device PDA (cell near2 phone) (mobile)) near4 (request\$5 command\$5 demand\$5) near4 (location coordinat\$5) and (signature) near4 (code)                     | US-PGPUB;<br>USPAT;<br>EPO: JPO;<br>DERWENT;<br>IBM TDB | OR   | ON  | 2005/05/06 08:51 |
| S81 | 2    | (device PDA (cell near2 phone) (mobile)) near4 (request\$5 command\$5 demand\$5) near4 (location) near4 (coordinat\$5 information) and (signature) near4 (code) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2005/05/06 08:52 |

| S82        | 106  | (device PDA (cell near2 phone) (mobile)) near4 (request\$5 command\$5 demand\$5) near4 (coordinat\$5 information) and (signature) near4 (code)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR       | ON       | 2005/05/06 08:52                     |
|------------|------|--|---|----------|----------|--------------------------------------|
| S83        | 1244 | (device PDA (cell near2 phone): (mobile)): near2: (request\$5<br>command\$5 demand\$5): near2: (location: coordinat\$5)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR       | ON       | 2005/05/06 08:54                     |
| S84        | 41   | (device PDA (cell near2 phone) (mobile)) adj(request\$5<br>command\$5 demand\$5)adj(location coordinat\$5)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR       | ON       | 2005/05/06 09:17                     |
| S85        | 0    | (device PDA (cell near2 phone): (mobile)): adj(request\$5<br>command\$5 demand\$5)adj(spatial:coordinat\$5) adj (location)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR       | ON       | 2005/05/06 09:18                     |
| S86        | 6    | (request\$5 command\$5 demand\$5)adj(spatial coordinat\$5) adj<br>(location)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR       | ON       | 2005/05/06 09:23                     |
| S87        | 0    | (request\$5 command\$5 demand\$5 access\$5)near4<br>(simultaneosu\$5 concurrent\$5) near5 (spatial coordinat\$5) near4<br>(location) near4 (information data) near4 (several multiple various)<br>near4 (server) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR       | ON       | 2005/05/06 10:33                     |
| S88        | 0    | (request\$5 command\$5 demand\$5 access\$5)near4 (spatial coordinat\$5) near4 (location) near4 (information data) near4 (several multiple various) near4 (server)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR       | ON       | 2005/05/06 12:20                     |
| S89        | 6    | (request\$5 command\$5 demand\$5 access\$5) near4 (spatial coordinat\$5) near4 (information data) near4 (several multiple various) near4 (server)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR       | ON       | 2005/05/06 10:32                     |
| S90        |      | (several multiple various plural\$5) near4 (spatial adj location adj<br>server)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR       | ON       | 2005/05/06 11:04                     |
| S91        | 4    | (spatial adj location adj server)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR       | ON       | 2005/05/06 09:33                     |
| S92        | 2    | ("5323394".pn.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR       | ON       | 2005/05/06 09:31                     |
| S93        | 119  | (several multiple various plural\$5) near4 (location adj server)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR       | ON       | 2005/05/06 09:33                     |
| S94<br>S95 | 1    | ("5613122").PN.<br>"6542819".PN:   | US-PGPUB;<br>USPAT;<br>USOCR<br>US-PGPUB;               | OR<br>OR | ON<br>ON | 2005/05/06 10:20<br>2005/05/06 11:20 |
| S96        | 4    | ("5488559"   "5906655"   "5982324"   "6160837").PN.  | USPAT;<br>USOCR<br>US-PGPUB;<br>USPAT;<br>USOCR         | OR       | ON       | 2005/05/06 10:21                     |

| S97      | 6  | (request\$5 command\$5 demand\$5 access\$5 broadcast\$5) near4 (spatial coordinat\$5) near4 (information data) near4 (several multiple various) near4 (server)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON     | 2005/05/06 10:33 |
|----------|----|---|---|------|--------|------------------|
| S98      | 0  | (broadcast\$5) near3 (request\$5 command\$5 demand\$5<br>access\$5)near4 (simultaneosu\$5 concurrent\$5) near5 (spatial<br>coordinat\$5) near4 (location) near4 (information data) near4<br>(several multiple various) near4 (server) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON     | 2005/05/06 10:58 |
| S99      | 0  | (broadcast\$5) near3 (request\$5 command\$5 demand\$5 access\$5)near4 (location spatial) near4 (information data) near4 (several multiple various) near4 (server)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON     | 2005/05/06 10:34 |
| S10<br>0 | 1  | (broadcast\$5) near3 (request\$5 command\$5 demand\$5 access\$5)near4 (location spatial) near5 (several multiple various) near4 (server)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON     | 2005/05/06 10:34 |
| S10<br>1 | 2  | (broadcast\$5) near3 (request\$5 command\$5 demand\$5 access\$5)near4 (location spatial) near5 (several multiple various plural\$5) near4 (server)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON     | 2005/05/06 10:35 |
| S10<br>2 | 0  | (Intermediar\$5 junction\$5) near4 (node server) near (insert\$5 add\$5) near4 (location) near4 (data field information)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON     | 2005/05/06 10:49 |
| S10<br>3 | 1  | (mobile) near5 (geolocation geoposition) near4 (resolut\$5)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON<br> | 2005/05/06 10:53 |
| S10<br>4 | 16 | (geolocation geoposition) near4 (resolut\$5)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON     | 2005/05/06 10:53 |
| S10<br>5 | 0  | (broadcast\$5) near3 (request\$5 command\$5 demand\$5 access\$5)near4 (simultaneosu\$5 concurrent\$5) near5 (spatial coordinat\$5) near4 (location) near4 (information data) near4 (several multiple various) near4 (servers)         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON     | 2005/05/06 10:59 |
| S10<br>6 | 0  | (broadcast\$5) near3 (request\$5 command\$5 demand\$5<br>access\$5)near4 (simultaneosu\$5 concurrent\$5) near5 (information<br>data) near4 (several multiple various) near4 (servers)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON     | 2005/05/06 10:59 |
| S10<br>7 | 19 | (request\$5 command\$5 demand\$5 access\$5)near4<br>(simultaneosu\$5 concurrent\$5) near5 (information data) near4<br>(several multiple various) near4 (servers)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON     | 2005/05/06 11:00 |
| S10<br>8 | 0  | (request\$5 command\$5 demand\$5 access\$5)near4 (geolocation)<br>near5 (information data) near4 (several multiple various) near4<br>(servers)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON     | 2005/05/06 11:00 |
| S10<br>9 | 0  | (request\$5 command\$5 demand\$5 access\$5)near4 (geolocation) near5 (information data) near4 (several multiple various plural\$5) near4 (servers)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON     | 2005/05/06 11:02 |

| S11<br>0  | 0    | "701"/\$.ccls. and (request\$5 command\$5 demand\$5 access\$5)near4 (geolocation) near5 (information data) near4 (several multiple various plural\$5) near4 (servers) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/06 11:02 |
|-----------|------|---|---|----|----|------------------|
| S11<br>1  | -0   | "701"/213,214.ccls. and (geolocation) near5 (information data) near4 (several multiple various plural\$5) near4 (servers)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/06 11:03 |
| \$11<br>2 |      | "701"/213,214.ccls. and (geolocation geopostion) near5 (information data) near4 (several multiple various plural\$5) near4 (servers)                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/06 11:03 |
| S11<br>3  | 1949 | 701/213;214.ccls  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/06 11:08 |
| S11<br>4  | 0    | S113 and (several multiple various plural\$5) near4 (spatial adj<br>location adj server)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/06 11:04 |
| S11<br>5  | 0    | S113 and (spatial adj location adj server)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/06 11:04 |
| S11<br>6  | 0    | S113 and (several multiple various plural\$5) near4 (spatial near3 location near3 server)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/06 11:04 |
| S11<br>7  | 1    | S113 and ((several multiple various plural\$5) near4 (spatial position mobile) near3 location near3 server)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/06 11:05 |
| S11<br>8  | 8    | ("5444444"   "5470233"   "5570100"   "5699244"   "5732074"  <br>"5790974"   "5808565"   "5938721").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/05/06 11:06 |
| S11<br>9  | 0    | 701/213;214 ccls.and S104   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/06 11:08 |
| S12<br>0  | 243  | (collect\$5 transfer\$5 find\$5 locat\$5 gather\$5 obtain\$5)adj((mobile<br>cell PDA) adj (client location))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/06 11:14 |
| S12<br>1  | 745  | (mobile near2 location near2 center)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/06 11:14 |
| S12<br>2  | 400  | (mobile adj location adj center)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/06 11:14 |
| S12<br>3  | 46   | (iliobile adj location adj center) same (location near2 (token field data header))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/06 11:15 |

| S12<br>4        | 1       | "5570100".PN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR       | ON       | 2005/05/06 11:54                     |
|-----------------|---------|--|---|----------|----------|--------------------------------------|
| S12<br>5        | 57      | (nitin:near2 C near2:patel).xa   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR       | ON       | 2005/05/06 11:57                     |
| S12<br>6        | 1539244 | (navigat\$5 guid\$5) nea4 (mobile near3 (device user))   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR       | ON       | 2005/05/06 11:57                     |
| S12<br>7        | 780     | (navigat\$5:guid\$5) near4 (mobile:near3:(device:user)):   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR       | ON       | 2005/05/06 11:58                     |
| S12<br>8        | 0       | (navigat\$5 guid\$5) with (dynamic\$ near4 updat\$5 upgrad\$5) near5 (mobile near3 (device user))                  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR       | ON       | 2005/05/06 12:00                     |
| S12<br>9        | 545     | (navigat\$5:guid\$5) with (dynamic\$ near4 updat\$5 upgrad\$5)   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR       | ON       | 2005/05/06 12:00                     |
| \$13<br>0       | 180     | S129 and (locat\$5 near4 (data filed token))   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR       | ON       | 2005/05/06 12:01                     |
| S13<br>1        | 0       | S129 and (locat\$5 near4 (token))  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR       | ON       | 2005/05/06 12:01                     |
| S13<br>2        | 185     | S129 and locat\$5 near4 (data field)   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR       | ON       | 2005/05/06 12:10                     |
| S13<br>3        | 1       | "5933100" pn.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR       | ON       | 2005/05/06 13:25                     |
| S13<br>4        | 1       | "6012012".pn.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR       | ON       | 2005/05/06 12:12                     |
| S13<br>5        | 1       | "6216085":pn   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR       | ON       | 2005/05/06 12:13                     |
| S13<br>6        | 1       | "6336072".pn.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR       | ON       | 2005/05/06 12:15                     |
| S13<br>7<br>S13 | 1       | "5819201":pn.<br>"6119095".pn.   | US-PGPUB;<br>USPAT;<br>USOCR<br>US-PGPUB;               | OR       | ON<br>ON | 2005/05/06 12:16<br>2005/05/06 12:16 |
| 8<br>8<br>S13   | 1       | "6480783".pn;  | USPAT;<br>USOCR<br>US-PGPUB:                            | OR       | ON       | 2005/05/06 12:16                     |
| 9<br>S14        | 1       | "6317685".pn.  | USPAT;<br>USOCR<br>US-PGPUB;                            | OR       | ON       | 2005/05/19 12:50                     |
| 0<br>S14        | 0       |  | USPAT;<br>USOCR<br>US-PGPUB:                            | OR       | ON       | 2005/05/06 12:21                     |
| 1               | v       | (information data) near4 (several multiple various) near4 (server)   | USPAT;<br>EPO; JPO;<br>DERWENT;                         | <b>.</b> |          |                                      |
| S14<br>2        | 0       | (revis\$5 updat\$5)near4 (geolocation) near4 (information data)<br>near4 (several multiple various) near4 (server) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR       | ON       | 2005/05/06 12:21                     |
| S14<br>3        | 35      | (revis\$5 updat\$5)near4;(spatial coordinat\$5) near4 (location) near4:<br>(information data)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR       | ON       | 2005/05/06 12:21                     |

| S14<br>4 | 4   | ("5488559"   "5906655"   "5982324"   "6160837").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/05/06 12:37 |
|----------|-----|---|---|----|----|------------------|
| S14<br>5 | 8   | ("5444444"   "5470233"   "5570100"   "5699244"   "5732074"  <br>"5790974"   "5808565"   "5938721").PN   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/05/06 12:37 |
| S14<br>6 | 1   | "5872931".pn.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/05/06 13:25 |
| S14<br>7 | 0   | (dynamic\$5 real-time) near5 (updat\$5 inform\$5) near5 (mobile)<br>near5 (client user device vehicle) near5 (plural\$5 multipl\$5<br>several\$5) near5 (server)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/12 16:44 |
| S14<br>8 | 2   | (dynamic\$5 real-time) near10 (updat\$5 inform\$5) near10 (mobile) near10 (client user device vehicle) near10 (plural\$5 multipl\$5 several\$5) near10 (server)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/13 08:48 |
| S14<br>9 | 12  | ("5293163"   "5938721"   "5946687"   "6014090"   "6047327"  <br>"6122520"   "6144318"   "6151624"   "6154172"   "6154745"  <br>"6199099"   "6381603").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/05/12 16:52 |
| S15<br>0 | 189 | (updat\$5 inform\$5) near10 (mobile) near10 (client user device<br>vehicle) near10 (plural\$5 multipl\$5 several\$5) near10 (server)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/13 10:53 |
| S15<br>1 | 20  | intermediary.near5 location:near4 server  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/13 10:07 |
| S15<br>2 | 0   | intermediary near5 mobile near5 location near4 server   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/13 10:07 |
| S15<br>3 | 24  | intermediary.near5 mobile near4 server  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/13 10:07 |
| S15<br>4 |     | ("4445118"   "4601005"   "4622557"   "4701934"   "4785463"   "4797677"   "4959656"   "4998111"   "5043736"   "5119102"   "5202829"   "5223844"   "5225842"   "5271034"   "5311194"   "5317323"   "5323163"   "5365450"   "5379047"   "5379224"   "5379320"   "5416797"   "5418538"   "5420592"   "5430759"   "5483549"   "5519403"   "5543789"   "5636122"   "5652570"   "5663734"   "5757916"   "5928306"   "6014090"   "6070078"   "6199045"   "6240360"   "6331825").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/05/13 10:14 |
| S15<br>5 | 2   | "6636873":pn:   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/13 10:30 |
| S15<br>6 | 3   | (mobile) near5 (client user device vehicle) near5 (signature near2 code)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/13 12:23 |
| S15<br>7 | 15  | (mobile) near5 (client user device vehicle) same (signature near2 code)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/13:12:24 |
| S15<br>8 | 1   | "6236866".pn.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/05/19 13:09 |

| S15<br>9 | 871  | (location near4 code) and (CDMA)   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/05/19 13:11 |
|----------|------|--|---|----|----|------------------|
| S16<br>0 | 111  | (location near4 code):same (CDMA)  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/05/19 13:10 |
| S16<br>1 | 0    | (location near4 signature near3 code) same (CDMA)                        | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/05/19 13:10 |
| S16<br>2 | 103  | (location adj code) and (CDMA)   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/05/19 13:11 |
| S16<br>3 | 13   | (location adj code) same(CDMA)   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/05/19 13:13 |
| S16<br>4 | 1468 | ((signatue PN:pseudonoise) adj code) same(CDMA)                          | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/05/19 13:14 |
| S16<br>5 | 59   | ((signatue PN pseudonoise) adj code)near2 (locat\$5)                     | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/05/19 14:13 |
| S16<br>6 | 44   | (pseudorang\$5 adj Mobile)   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/05/19 15:19 |
| S16<br>7 | 2    | (09/778562) and (cohen)  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/05/19 15:20 |
| S16<br>8 | 1    | "5991735":pn.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/05/19 16:34 |
| S16<br>9 | 40   | (track\$5) near4 (frame adj (ID identifier))                             | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/05/19 15:37 |
| S17<br>0 | 1    | "5874914" pn   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/05/19:16:35 |
| S17<br>1 | 1    | "5841396".pn.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/05/19 16:35 |
| S17<br>2 | 21   | (MS mobile) near5 (location position) near5 (updat\$5) near5 (repeat\$5) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/19 17:02 |